

*NAIL LOCKOUT ASSEMBLY*ABSTRACT

[0039] A nail lockout assembly provides a way for an operator of a nail gun to have determined whether the nails being employed are properly aligned to allow for efficient operation of the nail gun. The nail lockout assembly may be employed in a nail loading assembly, such as an adjustable angle magazine, which is coupled with a nail driving assembly. A slotted guide member disposed in a housing of the nail loading assembly provides a determination of the angle of the nail loading assembly relative to the nail driving assembly through operational engagement with a projection. A linkage bar is coupled with the slotted guide member and translates the angle of the nail loading assembly to a pusher which engages a nail loaded in the nail loading assembly. A cover serrated member is coupled with a cover of the nail loading assembly. A pawl assembly is coupled with the linkage bar and may engage with the cover serrated member. An adapter couples with the pusher and the pawl assembly enabling rotational movement in each. The nail improperly aligned with the pusher causes the pawl assembly to engage with the cover serrated member and prevents the cover from closing along with preventing the pusher from advancing the nail in the nail loading assembly.